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December 19, 2003

Customer No.  
23911



**Mail Stop PATENT APPLICATION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Re: New U.S. Patent Appln.  
Our Ref: 056207.53098US

Sir:

Transmitted herewith for filing is the patent application of:

**Kentaro YOSHIMURA et al.**

entitled: **EMBEDDED CONTROLLERS AND DEVELOPMENT TOOL FOR  
EMBEDDED CONTROLLERS**

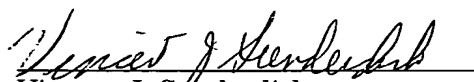
Enclosed are:

1. Specification, including 17 claims (pages 1-28).
2. 16 Sheets of X Formal    Informal drawings showing Figs. 1-21.
3. Declaration and Power of Attorney.
4. Application Data Sheet
5. Assignment of the invention to Hitachi, Ltd.
6. Priority is being claimed under 35 U.S.C. §119 and 37 C.F.R. §1.55 based on Priority Document 2002-369167, filed in Japan on December 20, 2002.
7. Preliminary Amendment.
8. The filing fee has been calculated as shown below:

|                                    |           |   |           |   |          |           |           |          |                 |
|------------------------------------|-----------|---|-----------|---|----------|-----------|-----------|----------|-----------------|
| Basic Fee                          |           |   |           |   |          | \$385/770 | =         | \$770.00 |                 |
| Total Claims                       | <u>17</u> | - | <u>20</u> | = | <u>0</u> | x         | \$9/18    | =        | \$              |
| Independent Claims                 | <u>3</u>  | - | <u>3</u>  | = | <u>0</u> | x         | \$43/86   | =        | \$              |
| Multiple Dependent Claim Presented |           |   |           |   |          |           | \$140/280 | =        | \$              |
| Total Filing Fee                   |           |   |           |   |          |           |           |          | <u>\$770.00</u> |

Two checks in the amount of \$770.00 for the filing fee and \$40.00 for the assignment recording fee are enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No. 05-1323 (Docket #056207.53098US). A duplicate copy of this sheet is enclosed.

Respectfully submitted,

  
Vincent J. Sanderdick  
Reg. No. 29,004

VJS:ast